

## DETAILED ACTION

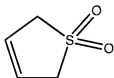
### *Response to Amendment*

The reply filed on 5/24/10 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): In applicants election dated 12/5/06 applicants elected to have the species of formula 1 and R and R' of formula 1 to be alkenyl groups, which applicants acknowledge again in their Remarks filed 5/14/10. Applicants further state that they have removed the recitation of "alkenyl groups" and that supposedly tetramethylene sulfone and butadiene sulfone read on the elected species from the election dated 12/5/06. The instant specification does not provide a definition for alkenyl, a search for alkenyl resulted in a definition for alkenes which is provided below:

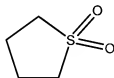
### **alkenes**

Acyclic branched or unbranched hydrocarbons having one carbon-carbon double bond and the general formula  $C_nH_{2n-2}$ . Acyclic branched or unbranched hydrocarbons having more than one double bond are alkadienes, alkatrienes, etc.

Using ChemDraw 12.0 Name to Structure conversion the following structures were acquired:



Butadiene Sulfone



tetramethylene sulfone

Both of the above structures are cyclic sulfone structures, which means they do not fall within the above definition. Furthermore tetramethylene sulfone does not have a

carbon-carbon double bond, which is also required by the above definition. Therefore neither tetramethylene sulfone or butadiene sulfone fall within the original elected species and because applicants have removed the recitations of "alkenyl groups" and "vinyl sulfone" (which read on an alkenyl group) from the claims and none of the sulfones that are currently recited read on the originally elected species, all of the claims are withdrawn from consideration based on the originally elected species and there are no claims to examine in the application and therefore applicants reply filed 5/24/10 is non-responsive. See 37 CFR 1.142(b) and MPEP § 821.03. See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment.

EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ROBERT HODGE whose telephone number is (571)272-2097. The examiner can normally be reached on 8:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Basia Ridley can be reached on (571) 272-1453. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Robert Hodge/  
Primary Examiner, Art Unit 1795